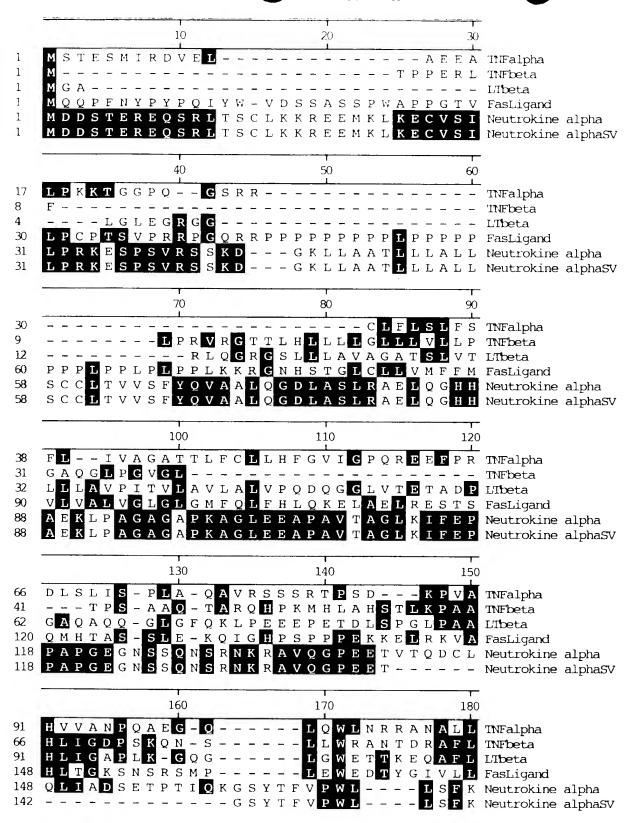
Figure 1A Neutrokine-a

1	AAATTCAG0	БАТАЛ	ACTC'	TCC.	TGA	GGG	GTG	AGC	CAA	GCC	CTG	CCA	TGI	AGT	GCA	CGC	AGG	AC
	ATCAACAAA	ACACA	AGATA	AAC.	AGG	ААА	TGA	TCC	ΑΓΊ	ccc	TGT	GGT	CAC	'TTA	TTC	TAA	\AGG	KC
	CCAACCTTC	CAAAG	TTC	AAG'	TAG	TGA	TAT	GGA	TGA	.CTC	CAC	'AGA	AAG	GGA	GCA	GTC	CACG	CC
							М	D	D	S	Т	E	R	Е	Q	S	R	L
	TTACTTCTT						AGA	AAT	GAA	ACT	GAA	.GGA	GTG	TGT	· TTC	CA'I	CCT	CC
	T S C	L	K	K	R	Е	Ε	М	K	I.	K	E	С	V	S	I	<u>L</u> CD	
	CACCCAACC	• • • • • • • • • • • • • • • • • • • •	cccc	THO!	·	cee	רעדו א	· cma	מ מיי	٦/٦٨	ccc	אר הי	COT	COT		TCC	י א א כי	
	CACGGAAGG																T	_
				:D-1								•.			T e		unint	
	TGCTGCTGG	CACI	rgc Te	GTC'	TTG	CTG	CCT	CAC	GGT	GGT	GTC	TTT	CTA	CCA	GGI	'GGC	CGC	·CC
	LLA																	
										•								
	TGCAAGGGG	SACCT	rggco	CAG	· CCT	CCG	GGC	AGA	GCT	GCA	GGG	CCA	CCA	CGC	GGA	GAA	GCT	· GC
	O G D										G	Н	Н	A	E	K	L	P
			CD)-I1	1													
	CAGCAGGAG	·	SAGCO	CCC	· CAA	GGC	CGG	· CCT	GGA	GGA	AGC	TCC	AGC	TGT	· CAC	'CGC	.GGG	AC
	A G A									É	Α	P	A	v	Т	A	G	L
			CE)-II	I													
		•								#								
	TGAAAATCI K I F							AGA E										
	K I F	E,	Р	Р	A	Р	G	Ľ	G	N	s	s	Q	N	S	R	N	K
	AGCGTGCCG	· TTCA	AGGG"	rcci	AGA	AGA	AAC	· AGT	CAC	TCA	AGA	CTG	СТТ	'GCA	· ACT	GAT	TGC	AG.
	R A V				E	E	Т	V		Q		С					A	
																CD-	IV	
	ACAGTGAAA	CACC	CAAC	TAT	ACA	AAA	AGG	ATC	ATT	CAC	TTA	TGT	TCC	ATC	GCI	TCT	CAG	· CT
	SEI	P	T	Ι	Q	K	G	S	Y	T	F	<u>v</u>	_P_	W	L	L	S	F
														(CD-	V		
	TTAAAAGGG	GAAG	TGC	CCT	AGA	AGA	AAA	AGA	GAA	TAA	TAA	'ATT	GGT	CAA	AGA	AAC	TGG	· тт
	KRG																	
		CD-												CD-V				
	ACTTTTTTA	י יים אידים	TGG	יראו	· ccm	ጥጥጥ	מ יד מ	TAC	ጥሮአ	ממיזי	CNC	רייא	ccc	יר איזי		י א כי א	тст	٠,
	F F I														_		L	
				-		-VI			_								-VI	
	TTCAGAGGA	· \AGAA	AGGT(CCA:	TGT	CIT	TGG	GGA	TGA	ATT	GAG	TCT	GGT	GAC	TTT	GTT	TCG	АТ
	Q R K																	
		CD-	-VII											CI	0-V	III		
								#										
	GTATTCAAA I O N								TAA	TTC	CTG	CTA	TTC	AGC	TGG	CAT	TGC	AA
			•	-	71	T	T7	7.7	3.7		C	3.5	C	•	_	-	•	• • •
	CD-VI		P	E	Т	L	P	N	11	<u>s</u>	_ <u>C</u>	Y CD-		A	G	Ι	Α	K

Figure 1B Neutrokine-a

	•		•	•	•		
901	AACTGGAAGAAGGAGATGAAC	TCCAACTT	GCAATACC	AAGAGAAAAT	GCACAAATA	TCAC	960
253	LEEGDEI	. Q L	AIP	<u>R</u> E N	A Q I	S L	272
	C	D-X					
				-	•		
961	TGGATGGAGATGTCACATTTT	TTGGTGCA	TTGAAACT	GCTGTGACCT	ACT'FACACO	ATGT	1020
2.73	D G D V <u>T F F</u>	GA	L K L	L			285
		CD-XI					
			•	•			
1021	CTGTAGCTATTTTCCTCCCTT	TCTCTGIA	CCTCTAAG	AAGAAAGAAT	CTAACTGAA	ATA	1080
1081	CCAAAAAAAAAAAAAAAAA	1100					



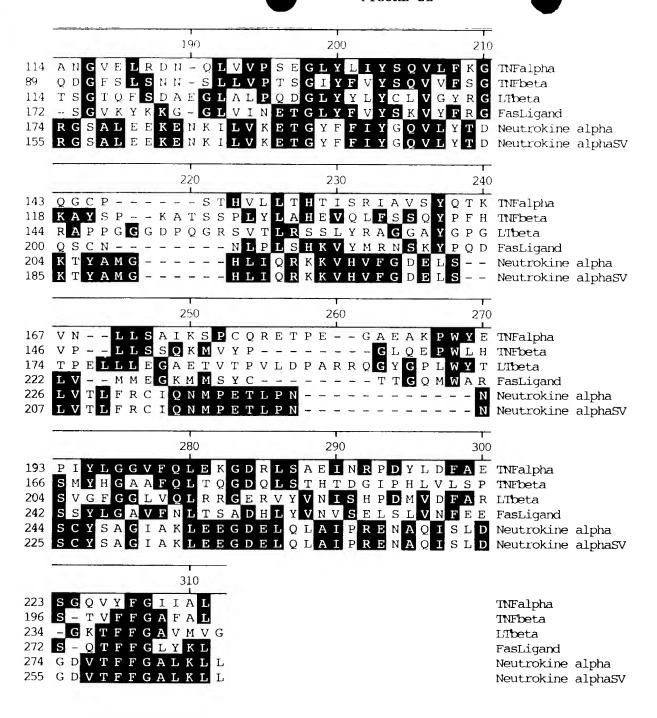


Figure 3 Neutrokine-a

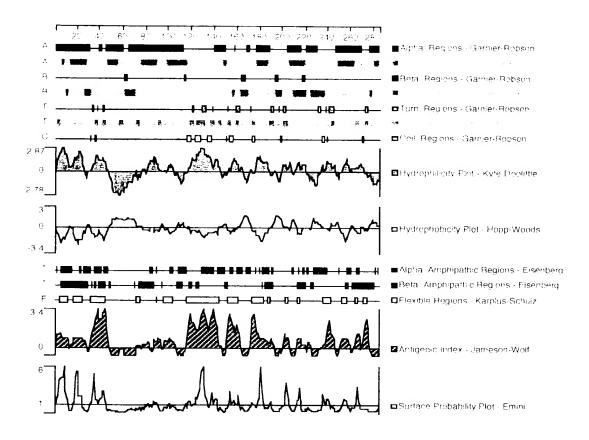


FIGURE 4 A

	1				50
HSOAD55R	A	GGNTAACTCT	CCTGAGGGGT	GAGCCAAGCC	CTGCCATGTA
HNEDU15X	AAATTCA	GGATAACTCT	CCTGAGGGGT	GAGCCAAGCC	CTGCCATGTA
HSLAH84R	.AATTCGGCA	NAGNAAACTG	GTTACTTTTT	TATATATGGT	CAGGTTTTAT
HLTBM08R	AATTCGGCAC	GAGCAAGGCC	GGCCTGGAGG	AAGCTCCAGC	TGTCACCGCG
	51				100
HSOAD55R		GACATCANCA	η ησησημη	NNNCAGGAAA	
HNEDU15X		GACATCAACA		TAACAGGAAA	TGATCCATTC
HSLAH84R		GACCTACGCC			
HLTBM08R				TAGTTCAGAG	
HLIDHOOK	GGACTGAAAA	TCTTTGAACC	ACCAGCTCCA	GGAGAAGGCA	ACTCCAGTCA
	101				150
HSOAD55R	CCTGTGGTCA	CTTATTCTAA	AGGCCCCAAC	CTTCAAAGTT	CAAGTAGTGA
HNEDU15X		CTTATTCTAA			
HSLAH84R	CATGTCTTTG	GGGATGAATT	GAGTCTGGTG	ACTTTGTTTC	GATGTATTCA
HLTBM08R	GAACAGCAGA	AATAAGCGTG	CCGTTCAGGG	TCCAGAAGAA	ACAGTCACTC
	151				200
HSOAD55R	TATGGATGAC	TCCACAGAAA	GGGAGCAGTC	ACGCCTTACT	
HNEDU15X	TATGGATGAC			ACGCCTTACT	
HSLAH84R	AAATATGCCT			CTGCTATTCA	
HLTBM08R	AAGACTGCTT			AAACACCAAC	
	201				250
HSOAD55R	AGAAAAGAGA	AGAAATGAAA	CTGNAAGGAG	TGTGTTTCCA	TCCTCCCACG
HNEDU15X	AGAAAAGAGA	AGAAATGAAA	CT.GAAGGAG	TGTGTTTCCA	TCCTCCCACG
HSLAH84R	CAAAACTGGN	AGGAAGGA	GATGAAC	TCCAACTTGC	AATACCAGGG
HLTBM08R	GGCTCCCTTC	TGNTGCCACA	TTTGGGCCAA	GGAATGGAGA	GATTTCTTCG
	251				300
HSOAD55R	GAAGGAAAGC	CCCTCTNTCC	GATCCTCCAA	AGACGGAAAG	
HNEDU15X	GAAGGAAAGC			AGACGGAAAG	
HSLAH84R		AATTATCACT			
HLTBM08R		TTTTGCCAAA			
	301				350
HSOAD55R	CAACCTTGNT	GNTGGCATTG	TGTTCTTGCT	GNCTCAAGGT	GGTGTTNTT.
HNEDU15X	CAACCTTGCT	GCTGGCACTG	CTGTCTTGCT	GCCTCACGGT	GGTGTCTTTC
HSLAH84R	CATTGAAACT	GCTGTGACCT	NCTTACANCA	NGTGCTGTTN	GCTATTTTNC
HLTBM08R	CAAAGGAAAA	TCTCTACTTA	GATTNACACA	TTTGTTCCCA	TGGGTNTCTT
	351				400
HSOAD55R					
HNEDU15X	TACCAGGTGG	CCGCCCTGCA	AGGGGACCTG	GCCAGCCTCC	GGGCAGAGCT
HSLAH84R	CTNCCTNTTC		TCTTAGGAAG		TAACTGGGAA
HLTBM08R		AGGGGAGTGC			AAATATTGGC

FIGURE 4B

	401				450
HSOAD55R	• • • • • • • • • •				
HNEDU15X	GCAGGGCCAC	CACGCGGAGA	AGCTGCCAGC	AGGAGCAGGA	GCCCCCAAGG
HSLAH84R			ANGGGTANGN		
HLTBM08R	CAAGGNACTG	GTTANTTTNT	AAATATGGTC	AGGTTTNTAT	ANCTGGTAGG
	451				500
HSOAD55R					
HNEDU15X	CCGGCCTGGA	GGAAGCTCCA	GCTGTCACCG		
HSLAH84R			TNTTNTNNTN		
HLTBM08R			CANGGNGAGG		
	E O 1				550
HCONDEED	501				550
HSOAD55R	an an arma				
HNEDU15X HSLAH84R			CAACTCCAGT		
HLTBM08R	CNANGGGGGN				• • • • • • • • •
				• • • • • • • • • •	
	551				600
HSOAD55R	• • • • • • • • • •	• • • • • • • • • •		• • • • • • • • • • •	• • • • • • • • •
HNEDU15X			AAACAGTCAC		
HSLAH84R	• • • • • • • • • • •			• • • • • • • • • • •	• • • • • • • • • • •
HLTBM08R	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
	601				650
HSOAD55R					
HNEDU15X	TTGCAGACAG	TGAAACACCA	ACTATACAAA	AAGGATCTTA	CACATTTGTT
HSLAH84R					
HLTBM08R				• • • • • • • • • • • • • • • • • • • •	
	651				700
HSOAD55R	031				
HNEDU15X	CCATGGCTTC	TCAGCTTTAA	AAGGGGAAGT	GCCCTAGAAG	
HSLAH84R					
HLTBM08R		• • • • • • • • • • • • • • • • • • • •			
	701				750
HSOAD55R	701				750
HNEDU15X	TAAAATATTC		cmccmmacmm		
HSLAH84R			CTGGTTACTT		
HLTBM08R		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	
	751				800
HSOAD55R	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •		• • • • • • • • • • •	• • • • • • • • • •
HNEDU15X	TATATACTGA	TAAGACCTAC	GCCATGGGAC	ATCTAATTCA	GAGGAAGAAG
HSLAH84R	• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • •
HLTRMOSR					

FIGURE 4C

	801				850
HSOAD55R	• • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		
HNEDU15X HSLAH84R	GTCCATGTCT		ATTGAGTCTG		TTCGATGTAT
HLTBM08R	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
HEIBHOOK	• • • • • • • • • • •		• • • • • • • • • •	• • • • • • • • • • • • •	
	851				900
HSOAD55R	• • • • • • • • • •	• • • • • • • • • •			
HNEDU15X		CCTGAAACAC	TACCCAATAA	TTCCTGCTAT	TCAGCTGGCA
HSLAH84R	• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • •
HLTBM08R	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
	901				950
HSOAD55R	• • • • • • • • • •				
HNEDU15X	TTGCAAAACT	GGAAGAAGGA	GATGAACTCC	AACTTGCAAT	ACCAAGAGAA
HSLAH84R	• • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • •
HLTBM08R	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • •
	951				1000
HSOAD55R					
HNEDU15X	AATGCACAAA	TATCACTGGA	TGGAGATGTC	ACATTTTTTG	GTGCATTGAA
HSLAH84R	• • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • •
HLTBM08R	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • •
	1001				1050
HSOAD55R					
HNEDU15X	ACTGCTGTGA	CCTACTTACA	CCATGTCTGT	AGCTATTTTC	CTCCCTTTCT
HSLAH84R	• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • •
HLTBM08R	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • •
	1051				1100
HSOAD55R					
HNEDU15X	CTGTACCTCT	AAGAAGAAAG	AATCTAACTG	AAAATACCAA	AAAAAAAAA
HSLAH84R	• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •
HLTBM08R	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
	1101				
HSOAD55R					
HNEDU15X	AAAAA				
HSLAH84R	• • • • • •				
HLTBM08R	• • • • •				

Figure 5A Neutrokine-~SV

ATGGATGACTCCACGAGAAGGGAGCAGTCCCTCACTTCTTCCCTTAGAAAAAGAAAAAAAA	!										•			•						
GAAATGAAACTGAAGGAGTGTTTCCATCCTCCACGGAAGGAA																				
CD-I CCCCAAGACCGCAAAGACCTGCTGCTGCTGCTGCTGTCTTGCTGCTGCTGTCTTGCTGC		1:1	D	D	S T	Ε	R	E	Õ	S	R	L	T	S	C	Į,	K	K	R	Ē
CD-I CCCCAAGACCGCAAAGACCTGCTGCTGCTGCTGCTGTCTTGCTGCTGCTGTCTTGCTGC																				
TCCTCCAAAGACGGAAAGCTGCTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT		GAA	ATG	AAA	CTGA	AGGA	AGTG	TGT	TTC	CAT	· CCT	CCC	ACG	GAA	GGA.	AAG	adda	STC	TGT	CCGA
TCCTCCAAAGACGGAAAGCTGCTGGCTGCTAACCTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	l																			
S S K D G K L L A A T L I L A L L S C C CD-1 CTCACGGTGGTGTCTTTCTACCAGGTGGCCGCCCTGCAAGGGGACCTGGCCAGCCTCCGG L T V V S F Y Q V A A L Q G D L A S L R CD-II GCAGAGCTGCAGGGCCACCACGCGGAGAAGCTGCCAGGAGGAGGAGCCCCCAAGGGC A E L Q G H H A E K L P A G A G A P K A CD-III GCCCTGAGGAAGCTCCAGCTGTCACCGCGGACTGAAAATCTTTGAACCACCAGCTCCA G L E E A P A V T A G L K I F E P P A P CD-III GGAGAAGGCACCTCCAGTCAGAACAGCAGGAAGTAGAGGTCCAGGAGGAGGAAGTCCAAGAACACTAGGTTCAGAACAATTTGTTCCATGGCTTCAGGCTTTAAAAGGGGAAGAGGTCCAAGAAGA G E G N S S Q N S R N K R A V Q G P E E ACAGGATCTTACACATTTGTTCCATGGCTTCTCAGCTTTAAAAGGGGAAGAGGTCCCTAGAA T G S Y T F V P W L L S F K R G S A L E CD-IV GAAAAAGAGAATAAAATATTGGTCAAAGAAACTGGTTACTTTTTTATATATA															CD-	I				
S S K D G K L L A A T L I L A L L S C C CD-1 CTCACGGTGGTGTCTTTCTACCAGGTGGCCGCCCTGCAAGGGGACCTGGCCAGCCTCCGG L T V V S F Y Q V A A L Q G D L A S L R CD-II GCAGAGCTGCAGGGCCACCACGCGGAGAAGCTGCCAGGAGGAGGAGCCCCCAAGGGC A E L Q G H H A E K L P A G A G A P K A CD-III GCCCTGAGGAAGCTCCAGCTGTCACCGCGGACTGAAAATCTTTGAACCACCAGCTCCA G L E E A P A V T A G L K I F E P P A P CD-III GGAGAAGGCACCTCCAGTCAGAACAGCAGGAAGTAGAGGTCCAGGAGGAGGAAGTCCAAGAACACTAGGTTCAGAACAATTTGTTCCATGGCTTCAGGCTTTAAAAGGGGAAGAGGTCCAAGAAGA G E G N S S Q N S R N K R A V Q G P E E ACAGGATCTTACACATTTGTTCCATGGCTTCTCAGCTTTAAAAGGGGAAGAGGTCCCTAGAA T G S Y T F V P W L L S F K R G S A L E CD-IV GAAAAAGAGAATAAAATATTGGTCAAAGAAACTGGTTACTTTTTTATATATA																				
CD-I CTCACGGTGGTGTCTTCTACCAGGTGGCCGCCTGCAAGGGGACCTGGCCAGCCTCCGG L T V V S F Y Q V A A L Q G D L A S L R CD-II GCAGAGGCTGCAGGGGCACCACGCGGAGAAGCTGCCAGCAGGAGAGAGA		TCC	TCC	AAA	GACG	GAAA	AGCT	GCT	GGC	TGC	AAC	CTT	GCT	GCT	GGC	ACTO	GCT(STC	TTG	CTGC
CTCACGGTGTGTCTTTCTACCAGGTGGCCCCCCCAAGGGGACTTGGCCAGCCTCCCCC L T V V S F Y Q V A A L Q G D L A S L R CD-II GCAGAGCTGCAGGGGCCACCACGCGGGAGAAGCTGCCAGCAGGAGCAGGAGCCCCCAAGGCC A E L Q G H H A E K L P A G A G A P K A CD-II GCCCTGGAGGAAGCTCCAGCTGTCACCGCGGGACTGAAAATCTTTGAACCACCAGCTCCA G L E E A P A V T A G L K I F E P P A P CD-III # GGAGAAGGCAACTCCAGTCAGAACAGCAGAAAATAAGCGTGCCGTTCAGGGTCCAGAAGAA G E G N S S Q N S R N K R A V Q G P E E ACAGGATCTTACACATTTGTTCCATGGCTTCCAGCTTTAAAAGGGGGAAGGTGCCCTAGAA T G S Y T F V P W L L S F K R G S A L E CD-IV GAAAAAGAGAATAAAATATTGGTCAAAGAAACTGGTTACTTTTTTATATATGGTCAGGTT E K E N K I L V K E T G Y F F I Y G Q V CD-IV CD-VI TTATATACCTGATAAGACCTACGCCATGGGACATCTAATTCAGAGGAAGAAGGTCCATGTCC L Y T D K T Y A M G H L I Q R K K V H V CD-VII TTTGGGGGATGAATTGGTCGTGGTGACTTTTTTTTCAAAATATTCCCTGAAACA E G D E L S L V T L F R C I Q N M P E T CD-VIII CD-VIII CD-VIII CD-VIII CD-VIII CD-VIII CCACCTTCCAATAATTCCTGCTATTCAGCTGGCATTGCAAAACTGGAAGAAAGGAGAGGAGGAACACCTCCATTTTTT Q L A I P R E N A Q I S L D G D V T F F C CD-XI GGTGCATTGAAACTGCTGTGACCCAACTACACCAAATATCACTGGATGAGGAAGAAGGAGATGAACTTTTT Q L A I P R E N A Q I S L D G D V T F F C CD-XI GGTGCATTGAAACTGCTGTGACCTACTTACACCATGTCTGTAGCTATTTTTCCTCCCTTTCC G A L K L L		s _	S.	<u>F.</u>	<u>D</u> G	K	L	L	Α	A	T	L	Į,	<u>.</u> I.	<u>A</u> _	L.	L,	S	C	. C
CD-II GCAGAGGCTGCAGGGCCACCACGCGGAGAAAACTGCCAGCAGGAGAGAGA		C	D-1																	
CD-II GCAGAGGCTGCAGGGCCACCACGCGGAGAAAACTGCCAGCAGGAGAGAGA							-				•									
CD-II GCAGAGCTGCAGGGGCCACCACGCGGAGAAGCTGCCAGCAGGAGCCCCCAAGGCC A E L O G H H A E K L P A G A G A P K A CD-III GGCCTGGAGGAAGCTCCAGCTGTCACCGCGGGACTGAAAATCTTTGAACCACCAGCTCCAG L E E A P A V T A G L K I F E P P A P CD-III GGAGAAGGCAACTCCAGTCAGAACAGCAGAAATAAGCGTGCCGTTCAGGGTCCAGAGAAGAAGGGAACTCCAGAAGAACAGCAAGCA																				
GCAGAGCTGLAGGGCCACCACGGGAGAAGCTGCCAGCAGGAGCAGGAGCCCCCAAGGCCAACCACACCACC		L	Τ	V.	V S	. F	Y	Q	. V	A	A	_L	Ω_	_G	D	L	A	S	L	R
A E L Q G H H A E K L P A G A G A P K A CD-III GGCCTGGAGGAAGCTCCAGCTGTCACCGCGGGACTGAAAATCTTTGAACCACCAGCTCCA G L E E A P A V T A G L K I F E P P A P CD-III GGAGAAGGCAACTCCAGTCAGAACAGCAGAAATAAGCGTGCCGTTCAGGGTCCAGAAGA G E G N S S Q N S R N K R A V Q G P E E ACAGGATCTTACACATTTGTTCCATGGCTTCTCAGCTTTAAAAGGGGAAGTGCCCTAGAA T G S Y T F V P W L L S F K R G S A L E CD-IV GAAAAAGAGAATAAAATATTGGTCAAAGAAACTGGTTACTTTTTTATATATGGTCAGGTT E K E N K I L V K E T G Y F F I Y G Q V CD-IV CD-VI TTATATACTGATAAGACCTACGCCATGGGACATCTAATTCAGAGGAAGAAGGTCCATGTC L Y T D K T Y A M G H L I Q R K K V H V CD-VII TTTGGGGATGAATTGAGTCTGGTGACTTTGTTCGATGTATTCAAAATATGCCTGAAACA E G D E L S L V T L F R C I Q N M P E T CD-VIII CD-VIII CCD-VIII CC																CD	- I I			
A E L O G H H A E K L P A G A G A P K A CD-III GGCCTGGAGGAAGCTCCAGCTGTCACCGCGGGGACTGAAAATCTTTGAACCACCAGCTCCA G L E E A P A V T A G L K I F E P P A P CD-III # GGAGAAGGCAACTCCAGTCAGAACAGCAGAAAATAAGCGTGCCGTTCAGGGTCCAGAAGAA G E G N S S Q N S R N K R A V Q G P E E ACAGGATCTTACACATTTGTTCCATGGCTTCTCAGCTTTAAAAGGGGAAGTGCCCTAGAA T G S Y T F V P W L L S F K R G S A L E CD-IV GAAAAAGAGAATAAAATAATTGGTCAAAGAAACTGGTTACTTTTTTATATATGGTCAGGTT E K E N K I L V K E T G Y F F I Y G Q V CD-V TTATATACTGATAAGACCTACGCCATGGGACATCTAATTCAGAGGAAGAAGGTCCATGTC L Y T D K T Y A M G H L I Q R K K V H V CD-VI CD-VII TTTGGGGGATGAATTGAGTCTGGTGACTTTGTTTCGAIGTATTCAAAATATGCCTGAAACA F G D E L S L V T L F R C I Q N M P E T CD-VIII # CTACCCAATAATTCCTGCTATTCAGCTGGCATTGCAAAACTGGAAGAAGAAGGAGAGAACAC CD-VIII # CTACCCAATAATTCCTGCTATTCAGCTGGCATTGCAAAACTGGAAGAAGAAGAGAAGAACTC CD-VI CAACTTGCAATACCAAGAGAAAATGCACAAATATCACTGGATGGA																	•			•
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GGCCTGGAGGAAGCTCCAGCTGTCACCGCGGGACTGAAAATCTTTGAACCACCAGCTCCAGC L E E A P A V T A G L K I F E P P A P CD-III # GGAGAAGGCAACTCCAGTCAGAACAGCAGAAATAAGCGTGCCGTTCAGGGTCCAGAAGAAGA G E G N S S Q N S R N K R A V Q G P E E CD-IV ACAGGATCTTACACATTTGTTCCATGGCTTCTCAGCTTTAAAAGGGGAAGTGCCCTAGAA T G S Y T F V P W L L S F K R G S A L E CD-IV GAAAAAGAGAATAAAATATTGGTCAAAGAAACTGGTTACTTTTTTATATATGGTCAGGTT E K E N K I L V K E T G Y F F I Y G Q V CD-IV CD-IV CD-VI TTATATACTGATAAGACCTACGCCATGGGACATCTAATTCAGAGGAAGAAGGTCCATGTCC L Y T D K T Y A M G H L I Q R K K V H V CD-VII TTTGGGGATGAATTGAGTCTGGTGACTTTGTTTCGATGTATTCAAAATATGCCTGAAAACA F G D E L S L V T L F R C I Q N M P E T CD-VIII # CTACCCAATAATTCCTGCTATTCAGCTGGCATTGCAAAACTGGAAGAAGGAAG				꾸	Č G	п	п	71	E.	N	L	2	А	Ġ_	A					A
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GLEER PAVTAGLER IFEPPAPPAPPED-111 # GGAGAAGCAACTCCAGTCAGAACAGCAGAAATAAGCGTGCCGTTCAGGGTCCAGAAGAAG EGAGAAGCAACTCCAGTCAGAACAGCAGCAGAAATAAGCGTGCCGTTCAGGGTCCAGAAGAAG EGAGAAGCAACACTTTGTTCCATGGCTTCAGCTTTAAAAGGGGAAGTGCCCTAGAAT EKREG EGAGAAAAAATATTGGTCAAAGAAACTGGTTACTTTTTTATATATGGTCAGGTTEKER EKREG ENKLUVKET EKREG EGAGAAGAACTGGTTACTTTTTTATATATGGTCAGGTTEKKER EKREG ENKLUVKET EGAGAAAAAAATATTGGTCAAAGAAACTGGTTACTTTTTTATATATGGTCAGGTTEKKER EKREG ENKLUVKET EGAGAAAAAAAAATATTGGTCAAAAAAAATATTCAGAGGGAAGAAGAAGAAGAAGAACATTAATTCAGAGGGAAGAAGAAGGTCCATGTCELYT EAL EKREG EAL EKR		GGC	CTG	GAG	GAAG	CTCC	CAGC	TGT	CAC	CGC	GGG	ACT	GAA	AAT	CTT'	rga <i>i</i>	ACC <i>i</i>	ACC.	AGC	TCCA
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Q L A I P R E N A Q I S L D G D V T F F CD-X GGTGCATTGAAACTGCTGTGACCTACTTACACCATGTCTGTAGCTATTTTCCTCCCTTTCC G A L K L L	C	TTTC F CCD-VI	GGG <u>G</u> II	GAT D # AAT	D K CD- GAAT E L AATT	T-VI TGAC S	ETCT L . CTA Y	GGT V TTC.	M GAC T	G TTT L	H . GTT F . C	L TCG R D-V	ATG C III	O CD TAT I	R I-VI TCAA Q	K I AAA'' N AGAA	K .EATC M .AGGA	V GCC' P AGA' D	H TGA E	V AACA T
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	C	TTTC E (CD-VI) CTA(L)	GGG <u>G</u> II CCC P	GAT # AAT GCA	D K CD- GAAT E L AATT N S ATAC	T VI TGAC S CCTC	ECTA CD-: GAGA	GGTO V TTCA S IX	GACTAGC	G TTT L TGG _G	GTT F C CAT I AAT	TCG R D-V TGC A	ATG C III AAA K	O CD . TAT I . ACT L	R I-VI TCAA Q GGAA E	K I AAAT N AGAA	K EATO M AGGA CD	V GGCC P AGA D -X	H TGA E TGA E	V AACA T ACTO L
<u>GALKL</u> L	C	TTTC E (CD-VI) CTA(L)	GGG <u>G</u> II CCC P	GAT # AAT GCA A	D K CD- GAAT E L AATT N S ATAC I P	T VI TGAC S CCTC	ECTA CD-: GAGA	GGTO V TTCA S IX	GACTAGC	G TTT L TGG _G	GTT F C CAT I AAT	TCG R D-V TGC A	ATG C III AAA K	O CD . TAT I . ACT L	R I-VI TCAA Q GGAA E	K I AAAT N AGAA	K EATO M AGGA CD	V GCC P AGA D D X CAC I	H TGA E TGA E ATT	AACA T ACTO L TTTTI
	C	TTTC E (CD-VI) CTA(L)	GGG <u>G</u> II CCC P	GAT # AAT GCA A	D K CD- GAAT E L AATT N S ATAC I P	T VI TGAC S CCTC	ECTA CD-: GAGA	GGTO V TTCA S IX	GACTAGC	G TTT L TGG _G	GTT F C CAT I AAT	TCG R D-V TGC A	ATG C III AAA K	O CD . TAT I . ACT L	R I-VI TCAA Q GGAA E	K I AAAT N AGAA	K EATO M AGGA CD	V GCC P AGA D D X CAC I	H TGA E TGA E ATT	AACA T ACTO L TTTTI
CD-XI		TTTC ED-VI CTAC L CAAC	GGG G II CCCC P CTT L	GAT D # AAT. N GCA A CD-	D K CD- GAAT E L AATT N S ATAC I P X	T-VI TGAC S CCTC	EGGA SAGA E	GGTOV TTC. SIX AAAA	M GAC' T AGC' A	G TTT L TGG G ACA	H GTT F C CAT I AAAT I	L TCG R D-V TGC A	ATG C IIII AAAA K ACT	O CD . TAT I . ACTO L . GGGA D	R -VI TCAA Q GGGAA E	K I I N AGAV E AGAT	K	V AGA D CACA T C	H TGA E TGA E ATT F CCD->	AACA T ACTO L TTTTI
		TTTC ED-VI CTAC L CAAC	GGG G II CCCC P CTT L	GGAT # AAT N GCA CD-	D K CD- GAATT E L AATT N S ATAC I P -X AAAC	T TGAG S CCTG CCAAG	EGGA SAGA E	GGTOV TTC. SIX AAAA	M GAC' T AGC' A	G TTT L TGG G ACA	H GTT F C CAT I AAAT I	L TCG R D-V TGC A	ATG C IIII AAAA K ACT	O CD . TAT I . ACTO L . GGGA D	R -VI TCAA Q GGGAA E	K I I N AGAV E AGAT	K	V AGA D CACA T C	H TGA E TGA E ATT F CCD->	AACA T ACTO L TTTTI

Figure 5B Neutrokine-aSV

901 AAA 903

Figure 6 Neutrokine- α SV

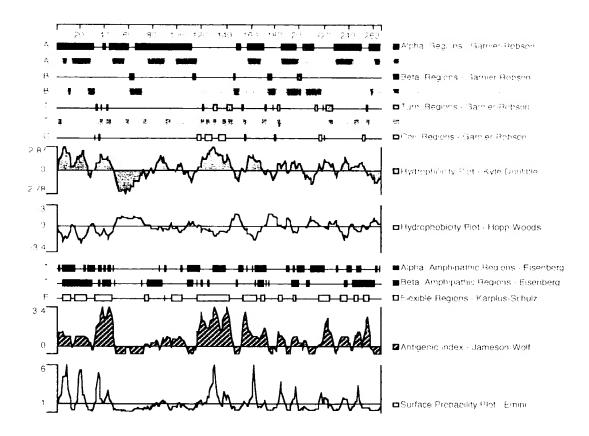


Figure 7

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b.

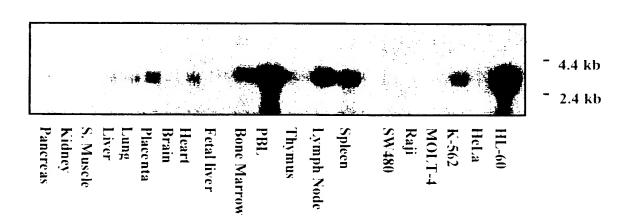
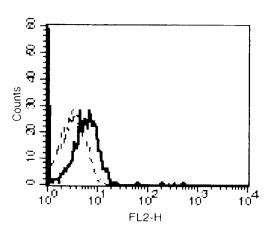


Figure 8

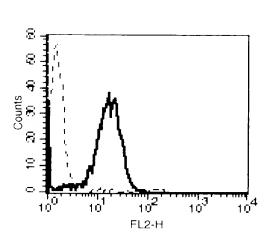
a.







IFNγ (100 U/mL)



b.

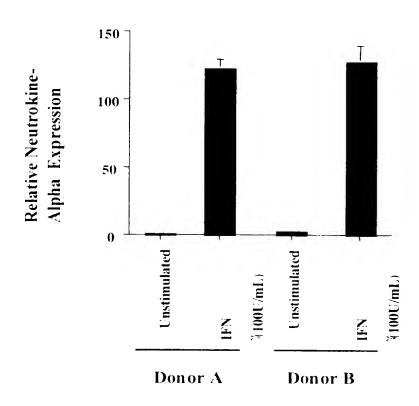
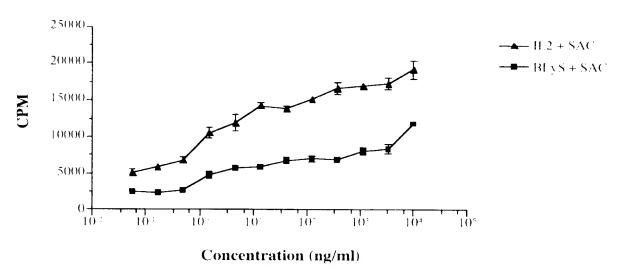


Figure 9

a.



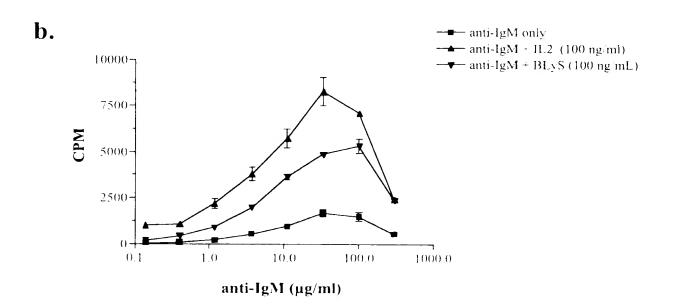
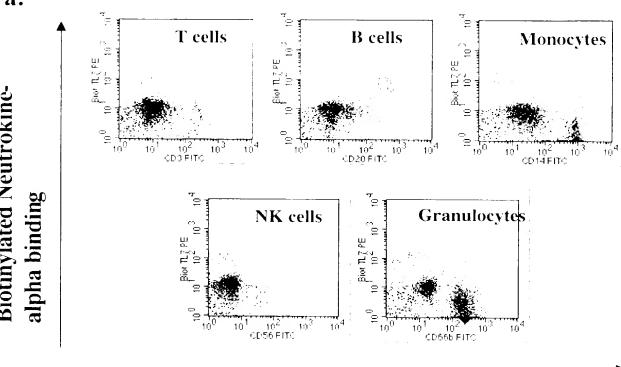


Figure 10



Biotinylated Neutrokine-



Hematopoietic lineage markers

b.

